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**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q73220

Byung-sun CHOI et al.

Group Art Unit: 2621

Appln. No.: 10/608,411

Examiner: Tung T. Vo

Confirmation No.: 8067

Filed: June 30, 2003

For: TRANSCODING APPARATUS AND METHOD, AND TARGET BIT ALLOCATION  
AND PICTURE COMPLEXITY ESTIMATION APPARATUS AND METHODS USED  
FOR THE SAME

**AMENDMENT AND REQUEST UNDER 37 C.F.R. § 1.48(a) TO CORRECT  
INVENTORSHIP IN NONPROVISIONAL APPLICATION, OTHER THAN  
A REISSUE APPLICATION, AFTER OATH OR DECLARATION  
HAS BEEN FILED, PURSUANT TO 35 U.S.C. § 116**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please correct the inventorship of the above-identified application by adding the name(s)  
of Jun XIN as co-inventor(s), thereby changing the inventorship from Byung-sun CHOI to  
Byung-sun CHOI and Jun XING.

**REMARKS**

In accordance with 37 C.F.R. § 1.48(a), submitted herewith are the following:

1. A statement from each person being added as an inventor and from each person  
being deleted as an inventor that the error in inventorship occurred without deceptive intention  
on his or her part;

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**STATEMENT OF ADDED AND/OR DELETED INVENTORS IN SUPPORT OF  
REQUEST UNDER 37 C.F.R. § 1.48(a) TO CORRECT INVENTORSHIP IN  
NONPROVISIONAL APPLICATION, OTHER THAN A REISSUE APPLICATION,  
AFTER OATH OR DECLARATION HAS BEEN FILED**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, the inventor being added to the above-identified application, do hereby declare that an error occurred in naming the inventors of the above-identified application and that the error occurred without deceptive intention on my/our part.

Name of 1<sup>st</sup> Added/Deleted Inventor Jun XIN

Added ☒ Deleted ☐

Signature 

Date 8/28/2006

U.S. Patent Application No.: 10/608,411  
AMENDMENT AND REQUEST UNDER 37 C.F.R. § 1.48(a) TO CORRECT  
INVENTORSHIP IN NONPROVISIONAL APPLICATION, OTHER THAN  
A REISSUE APPLICATION, AFTER OATH OR DECLARATION  
HAS BEEN FILED, PURSUANT TO 35 U.S.C. § 116

2. An oath or declaration by the actual inventors as required by 37 C.F.R. § 1.63 or  
as permitted by 37 C.F.R. §§ 1.42, 1.43 or § 1.47;

3. If an assignment has been executed by one or more of the original named  
inventors, the written consent of the assignee, or, in lieu thereof, the undersigned affirmatively  
states that to the best of his or her knowledge, no assignee exists; and

4. The processing fee of \$130.00 set forth in 37 C.F.R. § 1.17(i).

A check for the processing fee of \$130.00 is attached. The USPTO is directed and  
authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to  
Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A  
duplicate copy of this sheet is enclosed.

Respectfully submitted,



Seok-Won Stuart Lee  
Limited Recognition No. L0212

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: June 26, 2007

2007 MAY -30 15:58 FROM: P. LEE, MCK &amp; PARTNERS 82 2 588 6586

TO: 2022937860

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For: TRANSCODING APPARATUS AND METHOD, AND TARGET BIT ALLOCATION AND  
PICTURE COMPLEXITY ESTIMATION APPARATUS AND METHODS USED FOR THE  
SAME

CONSENT OF THE ASSIGNEE TO CORRECTION OF INVENTORSHIP IN ACCORDANCE  
WITH 37 C.F.R. § 1.48(a)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned, a representative of SAMSUNG ELECTRONICS CO., LTD., represents that SAMSUNG ELECTRONICS CO., LTD., is the owner of the entire right, title and interest of Application No. 10/608,411, filed on June 30, 2003 for TRANSCODING APPARATUS AND METHOD, AND TARGET BIT ALLOCATION AND PICTURE COMPLEXITY ESTIMATION APPARATUS AND METHODS USED FOR THE SAME by virtue of an Assignment from Byung-sun CHOI executed on December 1, 2003, recorded on April 23, 2004, at Reel No. 015261, Frame 0248.

The undersigned hereby certifies that the above-mentioned Assignment has been reviewed and to the best of the undersigned's knowledge and belief, title is in who is seeking to take this action.

The undersigned (whose title is supplied below) is empowered to sign this consent statement on behalf of the assignee.

SAMSUNG ELECTRONICS CO., LTD., hereby consents to the correction of inventorship in connection with the above-identified application whereby the name of Jun XIN is added as co-inventor.

Name Myung-Jong SongTitle Senior ManagerSignature *Myung Jong Song*Date 28 May 2007

**DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)**

As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**TRANSCODING APPARATUS AND METHOD, AND TARGET BIT ALLOCATION AND PICTURE COMPLEXITY  
ESTIMATION APPARATUS AND METHODS USED FOR THE SAME**

☐ The application of which  
is attached hereto

OR

☒ was filed on June 30, 2003 as United States Application Number or  
PCT International Application Number 10/608,411  
(Confirmation No. 8067), and was amended on  
June 28, 2005 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part application(s), material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application(s) having a filing date before that of the application on which priority is claimed.

Prior Application Number(s)	Country	Filing Date	Priority Claimed	
			Yes	No
2003-8146	KR	February 10, 2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>

I hereby claim benefit under 35 United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date
60/430,086	December 2, 2002

I hereby claim benefit under 35 United States Code § 120 of any United States application(s) or § 365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. or International Application Number(s)	U.S. or International Filing Date	Status
		Status

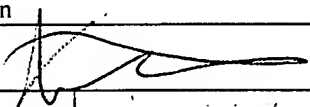
I hereby appoint all attorneys of **SUGHRUE MION, PLLC** who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>NAME OF SOLE OR FIRST INVENTOR:</b>				
Given Name (first and middle [if any]) Byung-sun		Family Name or Surname CHOI		
Inventor's Signature			Date	
Residence: City Suwon-Si	State Gyeonggi-do	Country Republic of Korea	Citizenship Republic of Korea	
Mailing Address: (103) 991-4 Youngtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do, Republic of Korea				
City Suwon-si	State Gyeonggi-do	Zip 442-813	Country Republic of Korea	
<b>NAME OF SECOND INVENTOR:</b>				
Given Name (first and middle [if any]) Jun		Family Name or Surname XIN		
Inventor's Signature 			Date 11/02/2005	
Residence: City Quincy	State Massachusetts	Country U.S.A.	Citizenship People's Republic of China	
Mailing Address: 201 Broadway Suite 8				
City Cambridge	State Massachusetts	Zip 02139	Country U.S.A.	

